NetworX NX–208E
2-Wire Smoke Expander Module

Overview

The NetworX NX-208E Smoke Expander Module is an easy way to add up to 64 additional two-wire smoke detectors to the NX line of panels. The NX-208E has UL certifications for both residential and commercial fire applications when used with the appropriate NetworX control panel.

In addition, each expander module has an optional tamper input, making it ideal for use in a remote location.

It is ideal for applications where an integrated system provides the most comprehensive and cost-effective solution.

With the NetworX NX-208E, you can now easily expand into the fire application market.

Standard Features

- The NX-208E is a microprocessor controlled 2-wire smoke expander for the NetworX NX-6, NX-8E, NX-8-CF and NX-8E-CF control panels

- One NX-208E module can be added to the NX control panel with a maximum of 8 zones

- Up to eight 2-wire smokes can be added to each zone of the NX-208E module for a maximum of 64

- Each expander has an optional tamper input, making it ideal for use in a remote location

- The ESL 521NCSXT is compatible with the NX-208E and all NX panels, providing a 2-wire sounder solution

Specifications

Operating Power *Supplied from* *NetworX models**	12V DC NX-6, NX-8, NX-8-CF, NX-8E, NX-8E-CF or NX-320E
Auxiliary Power *Supplied from* *NetworX models*	Current limited to 100mA NX-6, NX-8, NX-8-CF, NX-8E, NX-8E-CF or NX-320E
Current Draw	30mA
DCIN Current Draw	31mA max @ 12V DC 62mA max @ 24V DC
Aux+ Rating	13mA @ 12V DC in Normal Standby 53mA @ 12V DC in Alarm 3.84 Amps max (with 8 detectors per loop)
Loop Resistance	12V Loop = 20Ω max 24V Loop = 50Ω max
Loop Response	180mS
Operating Temperature	32°F to 120°F
Dimensions	9.5" W x 3.5" H x 1.0" D
Shipping Weight	2 lbs.

* IMPORTANT: Supplied power from external supplies must be UL listed for Commercial Fire or Burglary.

NetworX Technical Support: 800-727-2339

UL Listings

Residential and Commercial UL Burglary ratings
   UL 609 Commercial Burglary
   UL 864 Commercial Fire
   UL 985 Residential Fire
   UL 1023 Residential Burglary
   UL 1610 Grade B & C Central Station Burglar Alarm
   CAN/ULC Listings S304
   CAN/ULC Listings S545

Ordering Information

Model	Description
NX-208E	Two-wire smoke loop expander
EOL33	3.3K End-of-Line Resistor device
NX-8-CF-KIT	NX-8 Commercial Fire Kit: Includes NX-8-CF Control Panel, (2) NX-148E-CF LCD Keypads, NX-870E Fire Supervision & 16.5V, 50VA Transformer
NX-8E-CF-KIT	NX-8E Commercial Fire Kit: Includes NX-8E-CF Control Panel, (2) NX-148E-CF LCD Keypads, NX-870E Fire Supervision & 16.5V, 50VA Transformer
Other available NetworX modules	
NX-216E	16-zone expander module
NX-320E	Smart power supply and buss extender
NX-507E	Seven relay module